

Revised Amendments to the Claims Section

SERIAL NO. 10/602,270

Page: 1



Amendments to the Claims

Claims 1-18: (Cancel)

Claim 19: (Currently Amended) A system to seal and coat stucco, said system comprising:

a substantially waterproof and breathable polymeric sealant coating comprising microspheres and applied over said stucco; and
a water-resistant acrylic paint applied over said stucco after application of said sealant coating.

Claim 20: (Original) A system as claimed in claim 19 additionally comprising a water-repellent preconditioner applied over said stucco before application of said sealant coating.

Claim 21: (Original) A system as claimed in claim 20 wherein said preconditioner comprises:

water;
an acrylic primer; and
a water-repellent silicate solution configured to bond with cement within said stucco.

Claim 22: (Original) A system as claimed in claim 21 wherein said silicate solution is an aqueous sodium methyl silicate solution.

Revised Amendments to the Claims Section

SERIAL NO. 10/602,270

Page: 2

Claim 23: (Currently Amended) A system as claimed in claim 19
wherein wherein:

said sealant coating additionally comprises:

water;

a polyol comprising diethylene glycol;

a dispersant;

a surfactant;

a defoamer;

a cellulosic thickener;

a pH adjuster comprising monoethanolamine;

~~ceramic microspheres comprising a multiplicity of hollow~~

~~ceramic shells having diameters of 120-150 µm;~~

a white hiding pigment comprising titanium dioxide;

~~polymeric microspheres comprising a multiplicity of~~

~~hollow polymeric shells having diameters of 20-60 µm;~~

an antimicrobial preservative comprising

dimethyloldimethyldantoin;

a resin binder comprising an aqueous copolymer emulsion.

emulsion; and

said microspheres comprise:

ceramic microspheres comprising a multiplicity of hollow

ceramic shells having diameters of 120-150 µm; and

polymeric microspheres comprising a multiplicity of

hollow polymeric shells having diameters of 20-60 µm.

~~an aqueous styrene acrylic copolymer emulsion;~~

~~an ester alcohol; and~~

~~a polysiloxane emulsion.~~

Claim 24: (New) A system as claimed in claim 19 wherein said sealant coating comprises:

a polyol;

an ester alcohol;

a defoamer;

a pigment;

Revised Amendments to the Claims Section

SERIAL NO. 10/602,270

Page: 3

a polysiloxane emulsion;
a dispersant;
a surfactant;
a pH adjuster;
a preservative; and
a thickener.

Claim 25: (New) A sealant coating as claimed in claim 24
wherein said polyol comprises diethylene glycol.

Claim 26: (New) A sealant coating as claimed in claim 24
wherein said pigment comprises a white hiding pigment

Claim 27: (New) A sealant coating as claimed in claim 26
wherein said white hiding pigment comprises titanium dioxide.

Claim 28: (New) A sealant coating as claimed in claim 24
wherein said pH adjuster comprises monoethanolamine.

Claim 29: (New) A sealant coating as claimed in claim 24
wherein said antimicrobial preservative comprises
dimethyloldimethyldantoin.

Claim 30: (New) A sealant coating as claimed in claim 24
wherein said thickener comprises a cellulosic thickener.

Claim 31: (New) A system as claimed in claim 19 wherein:
said sealant coating additionally comprises:
water; and
a resin binder; and
said microspheres comprise:
ceramic microspheres; and
polymeric microspheres.

Revised Amendments to the Claims Section

SERIAL NO. 10/602,270

Page: 4

Claim 32: (New) A system as claimed in claim 31 wherein said ceramic microspheres comprise a multiplicity of hollow ceramic shells having diameters of at least 100 μm .

Claim 33: (New) A system as claimed in claim 32 wherein said hollow ceramic shells have diameters of 120-150 μm .

Claim 34: (New) A system as claimed in claim 31 wherein said polymeric microspheres comprise a multiplicity of hollow polymeric shells having diameters of 25-60 μm .

Claim 35: (New) A system as claimed in claim 34 wherein each of said hollow polymeric shells is formed of vinylidene chloride and acrylonitrile.

Claim 36: (New) A system as claimed in claim 31 wherein said resin binder comprises an aqueous copolymer emulsion.

Claim 37: (New) A system as claimed in claim 36 wherein said aqueous copolymer emulsion comprises:

styrene monomers; and
acrylic monomers.